



## John Deere Gator

### Lexan Back Panel Installation

Thank you for purchasing a quality polycarbonate back panel for your utility vehicle. Your back panel is made of ¼" gauge polycarbonate (Lexan) that is virtually unbreakable. With proper installation and care you can expect many years of service life from your back panel.

**Step 1:** Remove your 3SI UTV Polycarbonate back panel kit from the shipping box. **DO NOT REMOVE PROTECTIVE PLASTIC PAPER FROM THE POLYCARBONATE PANELS AT THIS TIME. THIS SHOULD BE YOUR LAST INSTALLATION STEP. IF YOU HAVE A HARD TOP ON YOUR VEHICLE, PLEASE REMOVE THE TOP BEFORE INSTALLING THE BACK PANEL.**

**THE CONTENTS OF THE BACK PANEL KIT ARE AS FOLLOWS:**

Qty	Size	Description
1	n/a	Upper panel-Clear polycarbonate
1	n/a	Lower panel-ABS Plastic
8	1 ¾"	Loop clamps
8		Thumb Screws and Neoprene Washers
13		Large Black Washers
21		1-1/2" Bolts, Small Washers and Lock Nuts

**Step 2:** Your back panel was designed with an upper panel and lower panel to reduce shipping cost. Before mounting to the vehicle's roll cage, connect the two panels together. On each side of each Lexan panel, pull the protective paper away from the seven bolt-hole openings on the bottom of the upper section and the top of the bottom section. Please note, the bottom section should be installed to the outside of the upper section. Align the seven bolt-hole openings in each section. Insert a hex head bolt with washer thru each hole. Insert a nut on each bolt. Before tightening, align the outside edges of the two sections so that the outside edges of each section are in a straight line. Tighten the nuts to hold the two sections together.



**Step 3:** One at a time, open a clamp and wrap around the rear roll bars. The flat side of the loop clamps should face to the rear with the bolt hole openings on the inside of the roll bars. The clamps will not stay in place until bolted to the pack panels. However, the final location of the clamps are shown in the following picture.



**Step 4:** Pull the protective plastic paper away from the clamp holes. Place the back panel to the frame. Attach the two clamps in the rear crossbar to help hold the back panels in place. The back panel is attached to the clamps by inserting a hex head bolt with a neoprene washer thru the back panel and thru the two bolt-hole openings in each clamp. Insert a nut onto the bolt. Tighten to hold in place. **DO NOT FULLY TIGHTEN AT THIS TIME.** Continue attaching the back panels to each of the clamps. **AGAIN, TIGHTEN TO HOLD IN PLACE BUT DO NOT FULLY TIGHTEN AT THIS TIME.**



**Step 5:** Additional bolt holes have been drilled on the bottom of the lower section. The back panel should align with holes in the vehicles frame. When aligned, insert a hex head bolt with flat washer thru the bolt-hole openings in the back panel and thru the holes in the plates. Insert a nut on each bolt and tighten.

**Step 7:** After all bolts have been installed and the back panel is centered and in proper alignment, tighten the nuts on each clamp.

**Step 8:** Remove protective plastic paper from each side of your back panel.





Periodic cleaning using correct procedures can help to prolong service life. For care and cleaning, it is recommended that the following instructions be adhered to:

## Lexan Cleaning Recommendations

- Gently wash Lexan with a solution of mild soap and lukewarm water, using a soft, grid-free cloth or sponge to loosen any dirt or grime.
- Fresh paint splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing lightly with a soft cloth using petroleum ether (BP65), hexane or heptanes. Afterwards, wash the sheet using mild soap and lukewarm water.
- Scratches and minor abrasions can be minimized by using a mild automobile polish. We suggest that a test be made on a small area of the Lexan sheet with the polish selected and that the polish manufacturer's instructions be followed, prior to using the polish on the entire sheet.
- Finally, thoroughly rinse with clean water to remove any cleaner residue and dry the surface with a soft cloth to prevent water spotting.

## Important Instructions

- Never use abrasive or highly alkaline cleaner on Lexan polycarbonate materials.
- Never use aromatic or halogenated solvents like toluene, benzene, gasoline, acetone or carbon tetrachloride on Lexan polycarbonate materials.
- Use of incompatible cleaning materials with Lexan sheet can cause structural and/or surface damage.
- Contact with harsh solvents such as methyl ethyl ketone (MEK) or hydrochloric acid can result in surface degradation and possible crazing of Lexan sheet.
- Never scrub with brushes, steel wool or other abrasive materials.
- Never use squeegees, razorblades or other sharp instruments to remove deposits or spots.
- Do not clean Lexan polycarbonate in direct sunlight or at high temperatures as this can lead to staining.
- For all mentioned chemicals consult the manufacturer's material safety datasheet (MSDS) for proper safety precautions.